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**PRIMARY EXAMINER**



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SERIAL NUMBER 10/644,229	FILING DATE 08/20/2003 RULE	CLASS 379	GROUP ART UNIT 2643	ATTORNEY DOCKET NO. P16581
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**APPLICANTS**

Sigang Qiu, Raleigh, NC;

\*\* CONTINUING DATA \*\*\*\*\*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**

\*\* 09/16/2003

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY	SHEETS	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	NC	DRAWING 10	47	10
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

**ADDRESS**

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**TITLE**

Methods and apparatus for characterizing subscriber loop based on analysis of DSL handshaking signals and for optimization of DSL operation

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other
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